

## **SOFTWARE PACKS**

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**AV5103 SOFTWARE PACK**  
**Manual Version 1.3**  
**For Software Pack SP004V4**

# AV5103 SOFTWARE PACK

## 1 Introduction

This Pack will change your AV5103 System Controller Software up to Revision R5B18.

R5 refers the Root Software stored permanently inside the AV5103
B18 refers to the Software which you are about to load in.

The Linn Part Numbers for the code for B18 is **SOFT 020/L5R18**.

If you are not sure which version is in your AV5103 then follow the procedure in Appendix C – Setting Power-Up Message. This Software Pack will work providing that your Root is R5.

## 2 What's Changed

Video switching with the external switching unit is now possible. Instructions for using this are available in the document Subwoodfer performance has now been enhanced in DTS mode. See document [Changes.pdf](#) for details of changes.

## 3 Tools Required

If you already have the tools listed in this section then simply run the EXE file that comes with the Pack.

Upload Cable (CONN 439 or CONN 294)	See Appendix A - The Upload Cable
SP004V4.EXE	The automatic Upgrade file

## 4 Installing the Software

### 4.1 Upload

The following table shows the procedure for uploading an AV5103.

• Power off the AV5103
• Connect the 9-way D-Type to one of your computer's COM ports
• Press and hold the STANDBY and SURR buttons together while powering up the unit
• <i>You should now see "Upload Requested ... Please Upload"</i>
• Double Click the EXE file (SP004V4.EXE)
• Follow the On-Screen Instructions on your PC
• <i>The AV5103's front-panel screen will go blank if you have an older model with an LCD screen. Use the On screen graphics to select the LCD display option in the Physical set-up menu to enable the LCD display if this is the case.</i>

**Note:** If problems are encountered with the unit after uploading i.e. crashes etc, the procedure set out in "Appendix B – Clearing Settings with Problem Uploads" should be followed and the above procedure repeated.

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### 4.2 Initialise

Once the load is complete the AV5103 has to be initialised so that it operates satisfactorily with its new software. The following steps must be followed once the AV 5103 has been loaded.

• Enter Set-up and return the box to factory defaults.
• Exit Set-up saving the data.
• Switch the box off
• Leave the box for 10 seconds
• Switch the box on
• Configure the box for normal operation

## 5 Other Documentation

<a href="#">RS232.pdf</a>	RS232 Command Set
<a href="#">PACK750.pdf</a>	How to use the external Video Switcher
<a href="#">LIMBIK.pdf</a>	Operation of Limbik mode.

## 6 Appendix A - The Upload Cable

This lead can be purchased from Linn Products as CONN 439.

This cable uses a 6-way cable, an RJ12 connector and a 9-way D-type female connector.

The connections are as follows:

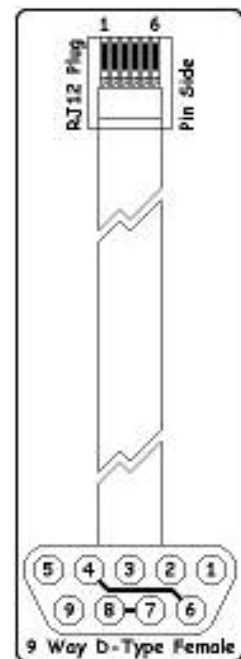
RJ12	D-type
Pin 1	No connection
Pin 2	Pin 2
Pin 3	Pin 3
Pin 4	No connection
Pin 5	Pin 5
Pin 6	No connection

An insulated wire link should be used to join together pins 4 and 6, and also pins 7 and 8 of the D-type connector.

### **IMPORTANT**

The wires from Pin 1 and Pin 6 of the RJ12 connector should be joined together at the D-type connector end and insulated. **NO** connection should be made to the D-type connector.

**NOTE:** CONN 294 was designed for this application but CONN 439 (the configuration in the diagram) will work with more products.



## 7 Appendix B – Clearing Settings with Problem Uploads

• Power Off the AV5103
• Switch on AV5103 while pressing “SETUP”
• <b><i>You should now see the “Physical Set-Up” screen</i></b>
• Use “+” or “-“ to select ”Exit”, press “Select”
• <b><i>You should now see the Normal display</i></b>
• Press “Set-Up”
• Use “+” or “-“ to select “Restore”, press “Select”
• Use “+” or “-“ to select “Change to Factory”, press “Select”
• Press “Select”
• Use “+” or “-“ to select “Proceed..Yes”, press “Select”
• Use “+” or “-“ to select “Finished”, press “Select”
• Press “Select”
• Use “+” or “-“ to select “Save Set-Up..Yes”, press “Select”
• Use “+” or “-“ to select ”Exit”, press “Select”
• <b><i>You should now see the Normal display</i></b>
• Press “SetUp”
• Use “+” or “-“ to select “Restore”, press “Select”
• Use “+” or “-“ to select “User to Installer”, press “Select”
• Press “Select”
• Use “+” or “-“ to select “Proceed..Yes”, press “Select”
• Use “+” or “-“ to select “Finished”, press “Select”
• Press “Select”
• Use “+” or “-“ to select “Save Set-Up..Yes”, press “Select”
• Use “+” or “-“ to select ”Exit”, press “Select”
• <b><i>You should now see the Normal display</i></b>

## 8 Appendix C – Setting Power-Up Message

• Power On the AV5103
• <i><b>You should now see the Normal display</b></i>
• Press “SetUp”
• Use “+” or “-” to select “Operation”, press “Select”
• Use “+” or “-” to select “Power-On Message”, press “Select”
• Press “Select”
• Use “+” or “-” to select “Enable Message?..Yes”, press “Select” *
• Use “+” or “-” to select “Finished”, press “Select”
• Use “+” or “-” to select “Finished”, press “Select”
• Use “+” or “-” to select “Exit”, press “Select”
• Press “Select”
• Use “+” or “-” to select “Save Set-Up..Yes”, press “Select”
• Use “+” or “-” to select “Exit”, press “Select”
• <i><b>You should now see the Normal display</b></i>
• Power Off the AV5103
• Power the unit back on, the message should now display the software status

\* To turn off this message, select “Enable Message?..No” at this stage